

Title (en)
COORDINATE MEASURING DEVICE HAVING POSITIONAL CHANGE SENSORS

Title (de)
KOORDINATENMESSGERÄT MIT LAGEÄNDERUNGSSENSOREN

Title (fr)
APPAREIL DE MESURE DE COORDONNÉES COMPRENANT DES CAPTEURS DE CHANGEMENT DE POSITION

Publication
EP 2486369 A2 20120815 (DE)

Application
EP 10768220 A 20101006

Priority
• DE 102009049534 A 20091006
• EP 2010064869 W 20101006

Abstract (en)
[origin: WO2011042449A2] The present invention relates to a coordinate measuring device (12) in a first consideration, having a sensor (36) for measuring an object (40) and having a housing structure (28, 42, 44, 46, 48) for retaining and positioning the sensor (36, 37), wherein a positional change sensor (54, 56, 58, 60, 72, 74) is provided for detecting a change in position of the sensor (36, 37) and the housing structure (28, 42, 44, 46, 48). According to a second consideration, the invention relates to a method (80) for recognizing a collision of a coordinate measuring device (12). According to a third consideration, the invention relates to a method (96) for correcting data of a non-contact measuring sensor, in particular an optical sensor (37), of a coordinate measuring device (12). The methods according to the second and third considerations can be implemented on a coordinate measuring device according to the first consideration.

IPC 8 full level
G01B 21/04 (2006.01)

CPC (source: EP US)
G01B 21/045 (2013.01 - EP US); **G01B 21/047** (2013.01 - EP US)

Citation (search report)
See references of WO 2011042449A2

Cited by
DE102015209193A1; WO2016184612A1; CN108351203A; US9982987B2; DE102016102579A1; US10422629B2; US10837752B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102009049534 A1 20110407; CN 102686974 A 20120919; CN 102686974 B 20150429; EP 2486369 A2 20120815; EP 2486369 B1 20141231; EP 2584308 A2 20130424; EP 2584308 A3 20151202; EP 2584308 B1 20170405; IN 2886DEN2012 A 20150724; US 2012246953 A1 20121004; US 8627576 B2 20140114; WO 2011042449 A2 20110414; WO 2011042449 A3 20110630

DOCDB simple family (application)
DE 102009049534 A 20091006; CN 201080055093 A 20101006; EP 10768220 A 20101006; EP 12196764 A 20101006; EP 2010064869 W 20101006; IN 2886DEN2012 A 20120403; US 201213434142 A 20120329